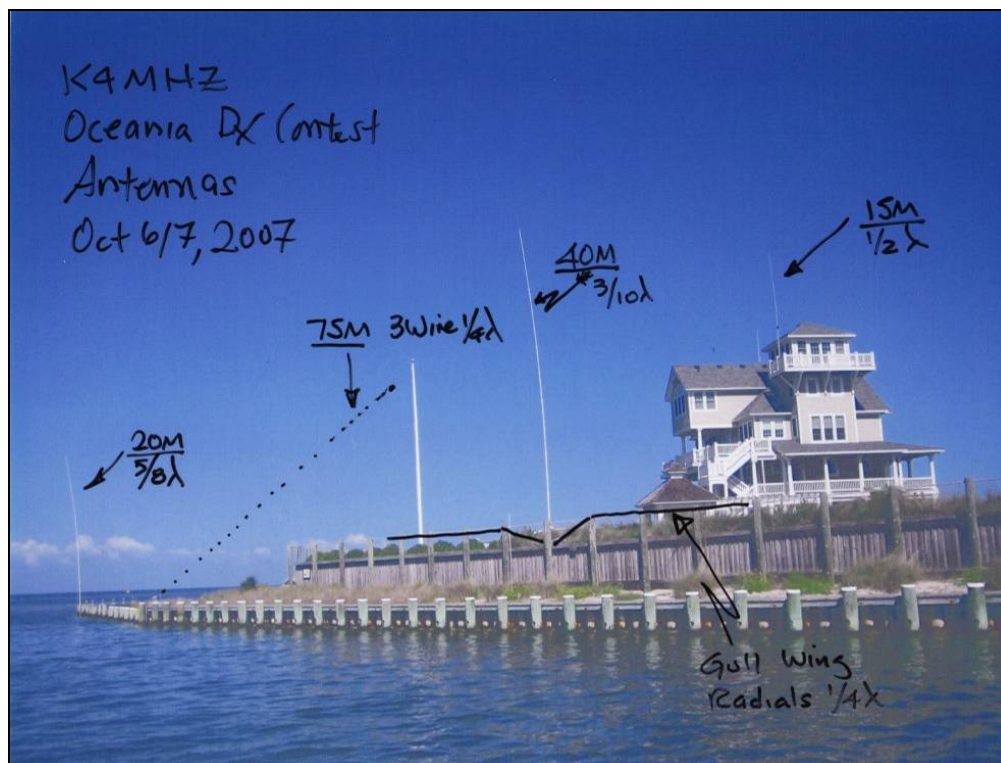


THE OCEANIA DX CONTEST

2007 Results



This impressive seaside QTH and array of vertical antennas was used by Mark K4MHZ, leading entrant from North America in the PHONE Single-Op ALL Band category

Summary of 2007 Results

1. Introduction

Congratulations to all the winners in the 2007 contest.

Of special note is the performance of John Loftus **VK4EMM** who has repeated his 2006 feat of leading Oceania in both the PHONE and CW Single-Op ALL Band categories. This achievement is a tribute to John's station and operating skills, both of which John has been developing since 1995 when he first entered the contest using a setup in the back of the family car.

Also of note is the performance of **JA7NVF** and **JH4UYB** who produced the highest scores outside Oceania in the PHONE Single-Op ALL Band and CW Single-Op ALL Band categories respectively.

Overall, participation was down in 2007, with approximately 10 percent fewer logs compared to 2006. The reduction appears to have been mainly due to poorer than usual propagation between Oceania and Europe over the PHONE weekend.

Despite the depressed conditions, the soapbox comments indicate there was still a lot of fun to be had. As well as the more common **VK**, **ZL**, **YB** and **KH6** stations, there were a number of stations active from some of the rarer Oceania entities, including **9M6**, **DU**, **KH2**, **ZK2**, and **ZL7**.

A summary of the results is provided below. The detailed results are provided in the appendices at the end of this report. The PHONE and CW results are presented in Annexes 1 and 2, and soapbox and equipment/antenna information is presented in Annexes 3 and 4.

2. PHONE Results

The leading stations and top stations from each continent in the PHONE section are summarised in Tables 1, 2 and 3 below.

| Category | Africa | Asia | Europe | North America | Oceania | South America |
|-----------------|--------|-------------|---------|---------------|------------|---------------|
| SWL ALL | | UA0-107-181 | NL-8992 | | | |
| SINGLE-OP ALL | | JA7NVF | US0LW | K4MHZ | VK4EMM | |
| SINGLE-OP 160M | | | | | ZL4RMF | |
| SINGLE-OP 80M | | UA9PC | RX4HZ | | YC1UGK | |
| SINGLE-OP 40M | | JO1WKO | RU4SU | VE3UTT | WH2DX | |
| SINGLE-OP 20M | | RK0UT | SP4R | | ZL7/SP5EAQ | HK3JJH |
| SINGLE-OP 15M | | JH7RTQ | YO2AOB | W6/VK2IMM** | YB3KM | |
| MULTI-ONE ALL | | RK9AWN | SN2K | | ZM4A | CC2A |
| MULTI-MULTI ALL | | | | N6O** | VK4WIL | |

Table 1: Continent Winners in PHONE Section

Oceania

VK4EMM leads the Oceania Single-Op ALL Band category with a score of 1,079,364; well ahead of **VK7GN** in 2nd position with a score of 471,410; and **VK3YXC** in 3rd position with a score of 387,846. The top entrants from other Oceania countries in this category are **9M6XRO** (East Malaysia), **ZL1TM** (New Zealand), **YB4IR** (Indonesia), **ZK2AH** (Niue) and **DU1IVT** (Philippines).

It is pleasing to note the participation of some new VK multi-operator teams in the 2007 contest. The leader in the Oceania Multi-Multi category is the **VK4WIL** team with a score of 2,524,200; **VK2ATZ** is in 2nd position with a score of 431,730; and **ZL1VK** is in 3rd position with a score of 76,736. **ZM4A** takes out the top position in the Multi-One Category with a score of 457,560; **VK6ANC** is close behind in 2nd position with a score of 424,278; and **VK3FRC** is in 3rd position with a score of 49,932.

The highest scores in the Single-Op Single-Band categories were produced by **ZL4RMF** (160M), **YC1UGK** (80M), **WH2DX** (40M), **ZL7/SP5EAQ** (20M), and **YB3KM** (15M). There were no entrants in the Single-Op 10M or SWL categories.

| Callsign | Continent | Category | Score |
|---------------|-----------|-----------------|---------|
| VK4WIL | Oceania | MULTI-MULTI ALL | 2524200 |
| VK4EMM | Oceania | SINGLE-OP ALL | 1079364 |
| VK7GN | Oceania | SINGLE-OP ALL | 471410 |
| ZM4A | Oceania | MULTI-ONE ALL | 457560 |
| VK2ATZ | Oceania | MULTI-MULTI ALL | 431730 |
| VK6ANC | Oceania | MULTI-ONE ALL | 424278 |
| VK3YXC | Oceania | SINGLE-OP ALL | 387846 |
| DU1IVT | Oceania | SINGLE-OP ALL | 306299 |
| VK3TZ | Oceania | SINGLE-OP ALL | 304634 |
| YB4IR | Oceania | SINGLE-OP ALL | 286710 |

Table 2: Top Ten Oceania Stations in PHONE Section

Outside Oceania

JA7NVF is the leading station outside Oceania in the Single-Op ALL Band category, with a score of 43,032 which is well ahead of the nearest rival **RW9USA** who achieved a score of 33,198. **US0LW** is in 3rd position, and also the leading station from Europe, with a score of 18,032. **K4MHZ** is the leading station from North America in this category.

The highest scoring station (and only entry) from outside Oceania in the Multi-Multi category is **N6O** at N6RO's super station. The top station from outside Oceania in the Multi-One category is **SN2K**. The leading Multi-One entrants from other continents are **RK9AWN** (Asia) and **CC2A** (South America).

| Callsign | Continent | Category | Score |
|---------------|-----------|---------------|-------|
| JA7NVF | Asia | SINGLE-OP ALL | 43032 |
| RW9USA | Asia | SINGLE-OP ALL | 33198 |
| US0LW | Europe | SINGLE-OP ALL | 18032 |
| JO1WKO | Asia | SINGLE-OP 40M | 17080 |
| ER1Q | Europe | SINGLE-OP ALL | 15635 |
| JA7ODY | Asia | SINGLE-OP ALL | 12765 |
| RA0FZ | Asia | SINGLE-OP ALL | 10120 |
| UA0IDZ | Asia | SINGLE-OP ALL | 8448 |
| RU4SU | Europe | SINGLE-OP 40M | 7000 |
| RW3QO | Europe | SINGLE-OP | 6880 |

Table 3: Top Ten Non-Oceania Stations in PHONE Section

The highest scores outside Oceania in the Single-Op Single-Band category were produced by **UA9PC** (80M) **JO1WKO** (40M), **RK0UT** (20M), and **JH7RTQ** (15M). **UA0-107-181** achieved the highest SWL score.

3. CW Results

The leading stations and top stations from each continent in the CW section are summarised in Tables 4, 5 and 6.

| Category | Africa | Asia | Europe | North America | Oceania | South America |
|-----------------|--------|-------------|--------|---------------|---------|---------------|
| SWL ALL | | UA0-107-181 | DH2URF | W7DRA/0-SWL | | |
| SINGLE-OP ALL | EA8BEX | JH4UYB | OM2VL | N6AA | VK4EMM | LU5YF |
| SINGLE-OP 160M | | JM1NKT | | | | |
| SINGLE-OP 80M | | JA1KVT | UA3AGW | | VK4AN | |
| SINGLE-OP 40M | | JR9NVB | OF6M | K3TW | ZL1KMN | |
| SINGLE-OP 20M | | R450WA | ES4RD | | YB0ECT | |
| SINGLE-OP 15M | | JA2KVB | OK2N | | YC1UUU | |
| SINGLE-OP 10M | | JE2SOY | | | | |
| MULTI-ONE ALL | | RK9JWV | RK3EXA | | ZM4A | |
| MULTI-MULTI ALL | | | | | ZM1A | |

Table 4: Continent Winners in CW Section

Oceania

VK4EMM leads the Oceania Single-Op ALL Band category with a score of 3,287,315 and is well ahead of the nearest competitors - **KH6ZM** in 2nd position with a score of 2,377,620, and **ZM2B** in 3rd position with a score of 1,530,565. The top stations from other Oceania countries in this category are **ZL7/SP9PT** (Chatham Islands), **9M6XRO** (East Malaysia) **WH2D** (Guam), **YB0DPO** (Indonesia).

ZM1A is the winner (and only entrant) in the Oceania Multi-Multi category with a score of 4,214,925, filling the gap normally occupied by **ZL6QH** (the ZL6QH station is currently QRX to make way for the building of a wind farm). The winner (and only entrant) in the Multi-One Category is **ZM4A** with a score of 1,335,600.

| Callsign | Continent | Category | Score |
|---------------|-----------|-----------------|---------|
| ZM1A | Oceania | MULTI-MULTI ALL | 4214925 |
| VK4EMM | Oceania | SINGLE-OP ALL | 3287315 |
| KH6ZM | Oceania | SINGLE-OP ALL | 2377620 |
| ZM2B | Oceania | SINGLE-OP ALL | 1530565 |
| VK7GN | Oceania | SINGLE-OP ALL | 1453896 |
| ZM4A | Oceania | MULTI-ONE ALL | 1335600 |
| VK2AEA | Oceania | SINGLE-OP ALL | 1324452 |
| ZL1BYZ | Oceania | SINGLE-OP ALL | 919700 |
| VK3TZ | Oceania | SINGLE-OP ALL | 804487 |
| YB0DPO | Oceania | SINGLE-OP ALL | 705600 |

Table 5: Top Ten Oceania Stations in CW Section

The highest scores in the Single-Op Single-Band categories were produced by **VK4AN** (80M), **ZL1KMN** (40M), **YBOECT** (20M), and **YC1UUU** (15M). There were no Oceania entries in the Single-Op 160M, Single-Op 10M or SWL categories.

Outside Oceania

JH4UYB is the leading station outside Oceania in the Single-Op ALL Band category with a score of 52,000; well ahead of **JA2XYO** in 2nd position and **RK0UT** in 3rd position. The top stations from the other continents in this category are **EA8BEX** (Africa), **OM2VL** closely followed by **RW3QO** (Europe), **N6AA** (North America) and **LU5YF** (South America).

The top entry in the Multi-One category is **RK3EXA** with a score of 14,490, followed by **RK9JWV** and **DP3D**. There was no entry from outside Oceania in the Multi-Multi category.

The highest scores outside Oceania in the Single-Op Single-Band category were produced by **JM1NKT** (160M), **JA1KVT** (80M), **OF6M** (40M), **R45OWA** (20M), **JA2KVB** (15M) and **JE2SOY** (10M). The highest SWL score outside Oceania was achieved by **UA0-107-181**.

| Callsign | Continent | Operator | Score |
|---------------|---------------|---------------|-------|
| JH4UYB | Asia | SINGLE-OP ALL | 52000 |
| JA2XYO | Asia | SINGLE-OP ALL | 19980 |
| RK0UT | Asia | SINGLE-OP ALL | 16815 |
| RK3EXA | Europe | MULTI-ONE ALL | 14490 |
| JO7KMB | Asia | SINGLE-OP ALL | 10794 |
| OM2VL | Europe | SINGLE-OP ALL | 10080 |
| RW3QO | Europe | SINGLE-OP ALL | 10019 |
| UA0CNX | Asia | SINGLE-OP ALL | 9636 |
| RT3T | Europe | SINGLE-OP ALL | 9408 |
| N6AA | North America | SINGLE-OP ALL | 8988 |

Table 6: Top Ten Non-Oceania Stations in CW Section

4. Awards

The recipients of trophies and plaques for the 2007 contest are listed in Table 7. Certificates will be awarded to the top scoring station in each category for each continent and country, subject to the station having made at least ten QSOs. Additionally, certificates will also be awarded to every station in the PHONE or CW sections that has made at least 100 QSOs.

The Australia Club Plaque is not being awarded as there were no VK clubs meeting the eligibility criteria. The criteria require an eligible club to have at least five members participating, and with each participant making a minimum of 50 valid QSOs. VK clubs are encouraged to consider assembling suitable teams for this award in the 2008 contest.

In order to manage the financial liability of the Committee, plaques will only be issued while there is an associated sponsor who has made a suitable financial commitment. Regrettably, this means that:

- The Oceania Single-Op ALL Band CW plaque has been withdrawn while the Committee continues to seek a suitable sponsor.
- The VK5/VK8 Single-Op ALL Band PHONE and CW plaques have been withdrawn due to the disestablishment of the South Australian Division of the WIA.

- The VK7 Single-Op ALL Band PHONE and CW plaques have been withdrawn due to the disestablishment of the Tasmanian Division of the WIA.
- The ASIA Single-Op ALL Band PHONE and CW plaques have been withdrawn due to uncertainty about the interest of the Eastern Mountain and Districts Radio Club in continuing to sponsor these plaques.

The cost of sponsoring a plaque is approximately AUD \$40.00 per annum, to cover the manufacturing and delivery expenses. Anyone who is interested in the possibility of becoming a plaque sponsor is encouraged to contact the Contest Committee.

| Award | Description | Recipient |
|--|---|--------------------|
| Ron Wills ZL2TT Memorial Trophy | Top entrant from Oceania in PHONE Single Operator ALL Band category - sponsored by ZL2GI, ZL2AL, Wellington Amateur Radio Club and NZART. | VK4EMM |
| Frank Hine VK2QL Memorial Trophy | Top entrant from VK in CW Single Operator ALL Band category - sponsored by WIA Federal. | VK4EMM |
| Australia Club Plaque | Local club from Australia with the greatest number of member stations participating in the Oceania DX Contest - sponsored by VK Contest Club. | Not Awarded |
| NORTH AMERICA Single-Op ALL Band PHONE Plaque | Top Entrant from North America in PHONE Single Operator ALL Band category - sponsored by N6RO. | K4MHZ |
| NORTH AMERICA Single-Op ALL Band CW Plaque | Top Entrant from North America in CW Single Operator ALL Band category - sponsored by Oceania Amateur Radio DX Group Inc. | N6AA |
| EUROPE Single-Op ALL Band PHONE Plaque | Top Entrant from Europe in PHONE Single Operator ALL Band category - sponsored by Oceania Amateur Radio DX Group Inc. | US0LW |
| Frank Vander Drift VK3COF Memorial Plaque | Top Entrant from Europe in CW Single Operator ALL Band category - sponsored by VK6DXI. | OM2VL |

Table 7: 2007 Trophy and Plaque Winners

5. Conditions

Chart 1 shows the annual trend in the total number of QSOs logged by the Oceania entrants, while Charts 2 and 3 show the trend broken down by band for the PHONE and CW sections respectively.

From Charts 2 and 3 it is clear that the activity on the 15M and 10M bands was well down compared to earlier years. In particular, less than 1% of the 2007 QSOs were made on 10M, compared to 11% (PHONE) and 15% (CW) in 2001.

ZL stations only managed to make the odd trans-Tasman contact on 10M. VK and Pacific stations managed to make some QSOs with Asia on this band. There were no QSOs with North America on 10M.

Most of the activity was on the lower bands with 40M making the biggest contribution to scores. Compared to 2006, the percentage of PHONE QSOs on 40M increased from 17% to 32%, and the percentage of CW QSOs on this band increased from 41% to a whopping 52%.

The logs indicate that there was some lively activity on 160M amongst Oceania stations. However, except for one QSO between **ZL7/SP9PT** and **UA0ALM**, the only non-Oceania QSOs on this band were logged by **KH6ZM** and **YC0BTL/1**.

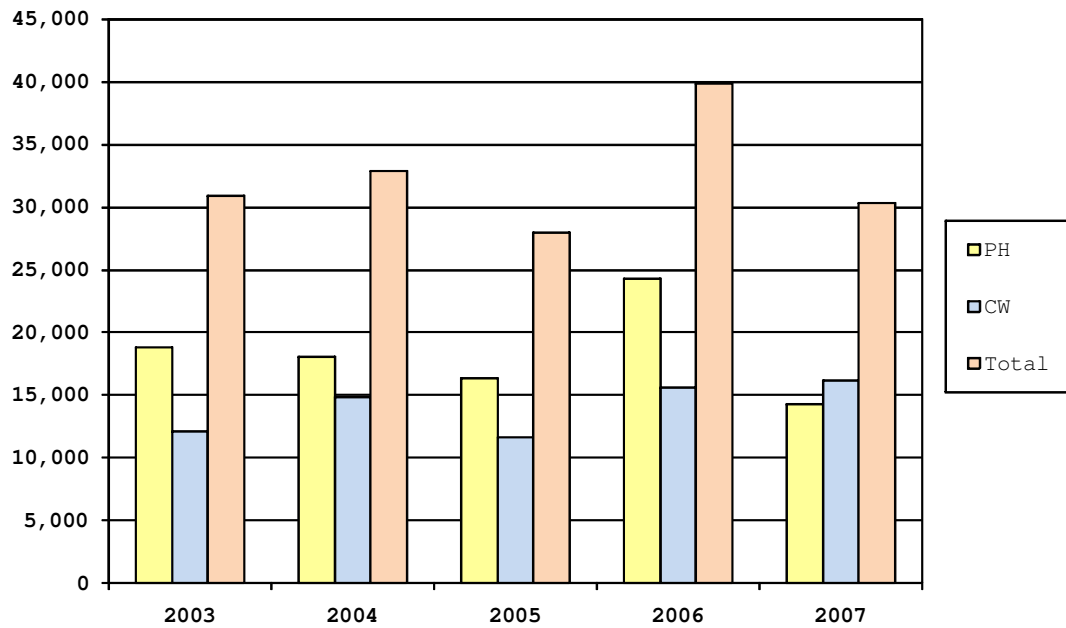


Chart 1: Number of QSOs in Oceania Logs

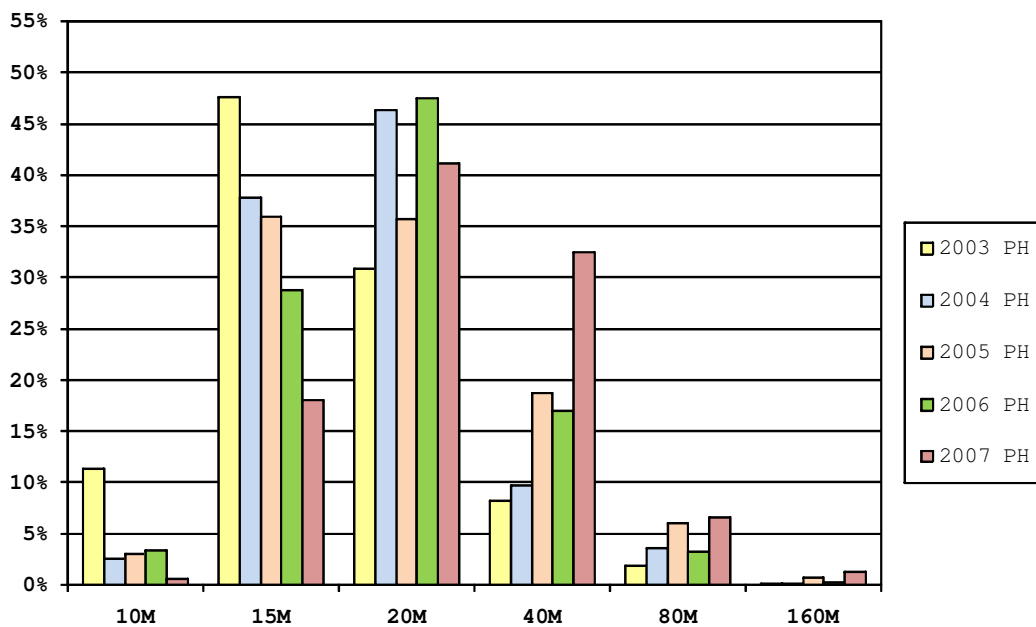


Chart 2: Band Analysis of PHONE QSOs in Oceania Logs

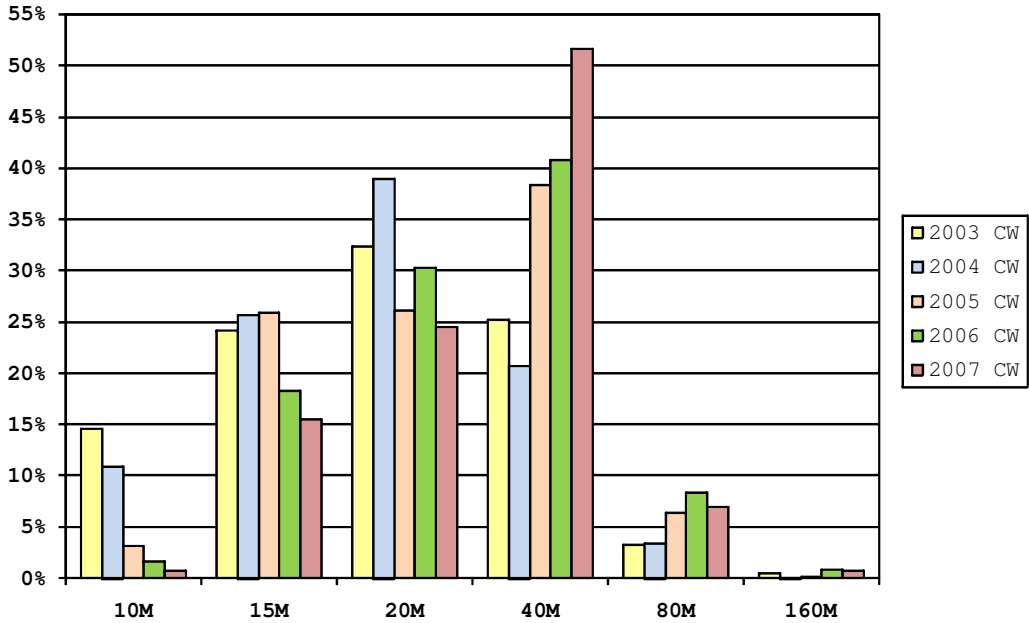


Chart 3: Band Analysis of CW QSOs in Oceania Logs

The reduced activity on the higher bands is consistent with the lower levels of solar flux at this point in the solar cycle. Chart 4 shows the annual trend in the 10 cm solar flux for the Oceania DX Contest weekends since 2001. Note that the 2007 values of 69 (PHONE) and 68 (CW) are the lowest recorded over this period.

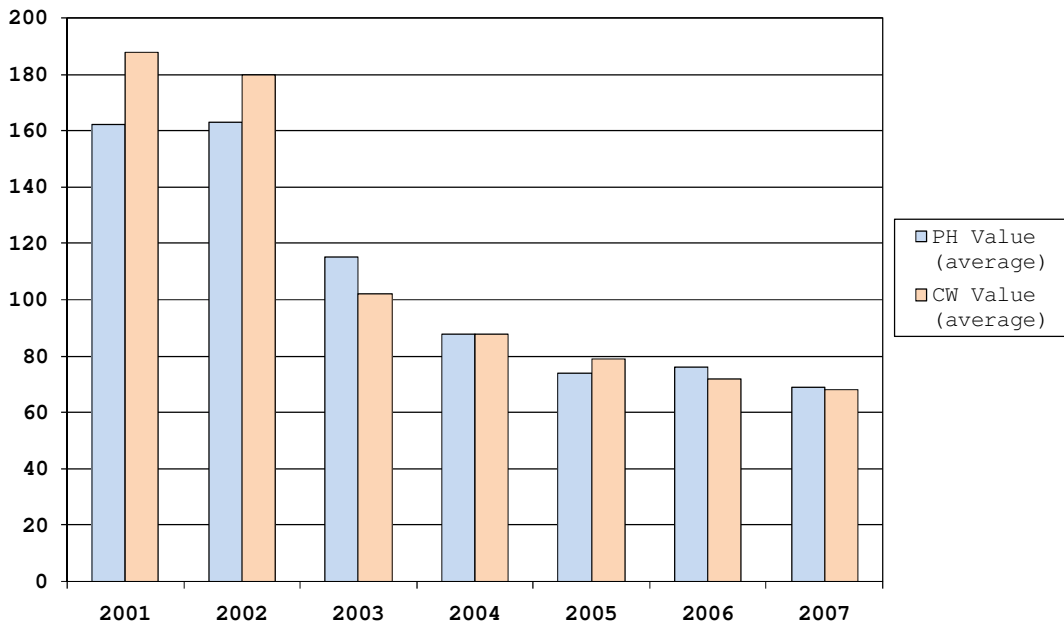


Chart 4: 10.7 cm Solar Flux Trend (Source: NOAA)

6. Participation

Chart 5 shows the trend in the number of logs submitted (including check logs) since 2000. Charts 6 and 7 provide a breakdown of this trend by continent for the PHONE and CW sections respectively. Charts 8 and 9 provide a breakdown by country within Oceania.

A total of 634 logs were processed for the 2007 contest. This is 10.5% less than the record number of 708 logs in 2006. Inspection of the charts shows that the reduction was mainly due to fewer entries from Europe in the PHONE section. There is no clear reason why the participation from Europe was down - however soapbox comments suggest that it was most likely due to poorer than usual propagation between Europe and Oceania over the PHONE weekend.

Actual activity was much greater than indicated by the number of logs submitted. For example, in the CW section there were at least 1519 stations that made two or more QSOs in the contest, but only 339 logs were submitted. Similarly, there were at least 39 ZL and 62 VK stations that made 10 or more CW QSOs, but only 15 ZL and 25 VK stations actually submitted logs.

It is pleasing to see a 24% jump in the number of CW logs from Oceania, up from 42 in 2006 to 52 in 2007. This was offset by a small drop in the number of PHONE logs from Oceania, down from 103 in 2006 to 96 in 2007.

Participation from North America, South America and Africa continues to be considerably less than that from Asia and Europe. It is hoped that the plaques for the leading North American entries in the PHONE and CW Single-Op ALL Band categories will help to spur future participation from North America.

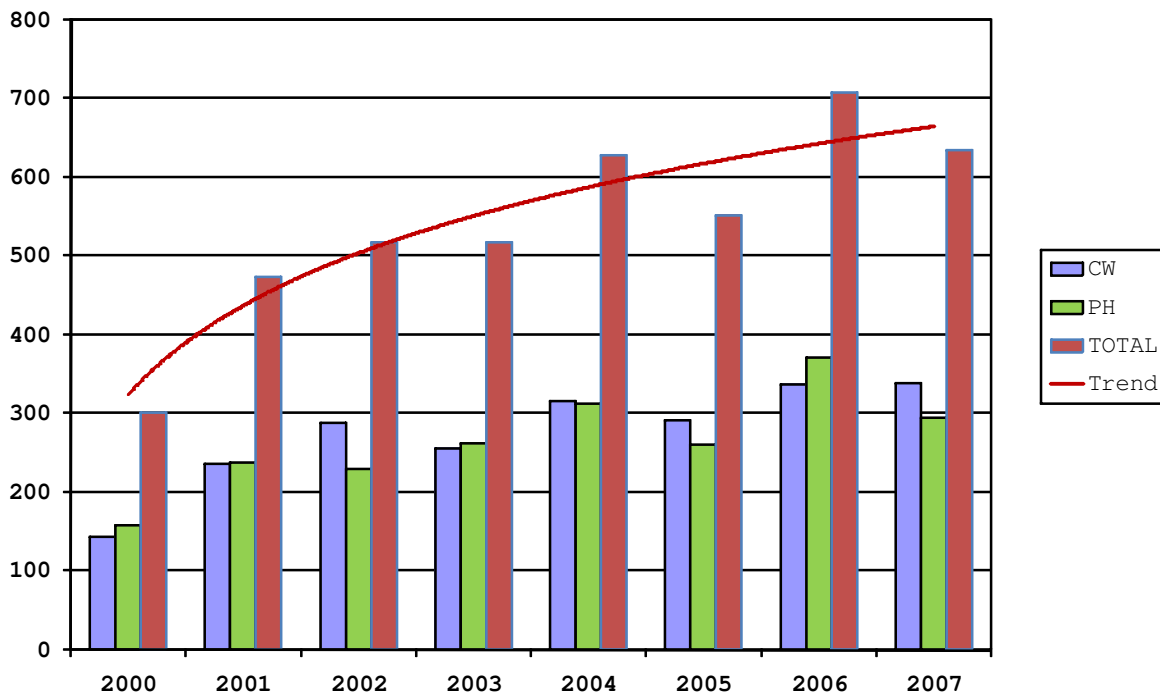


Chart 5: Number of Logs Received (including check logs)

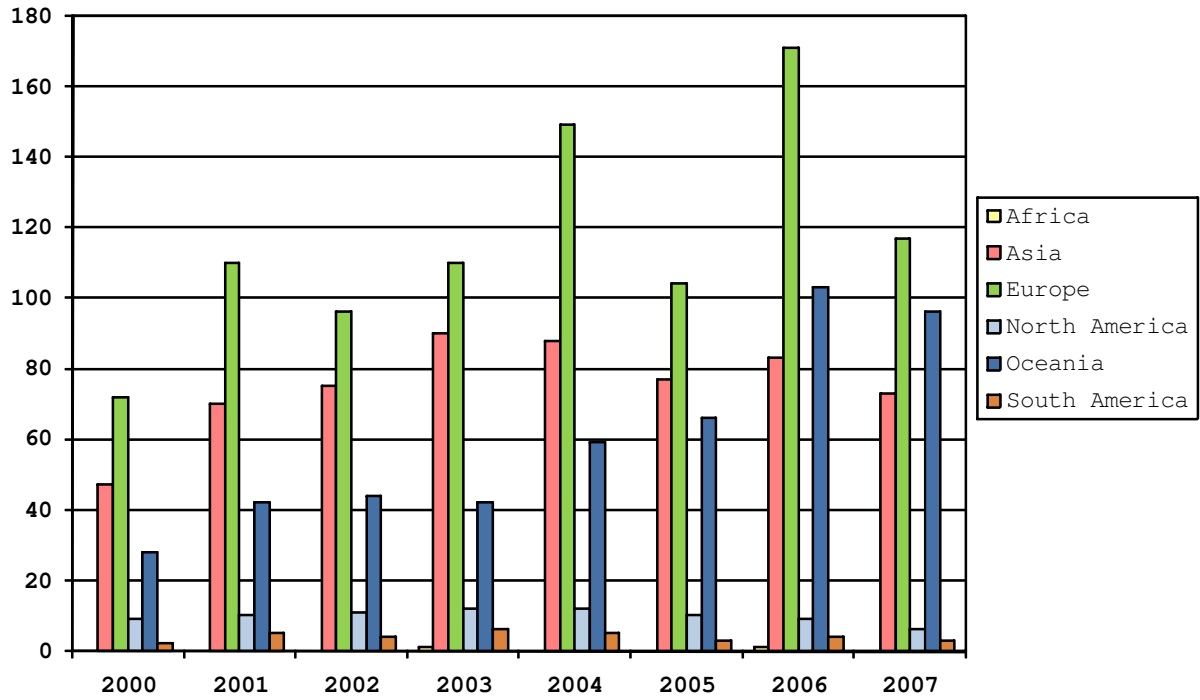


Chart 6: Number of PHONE Logs Received - Grouped by Continent

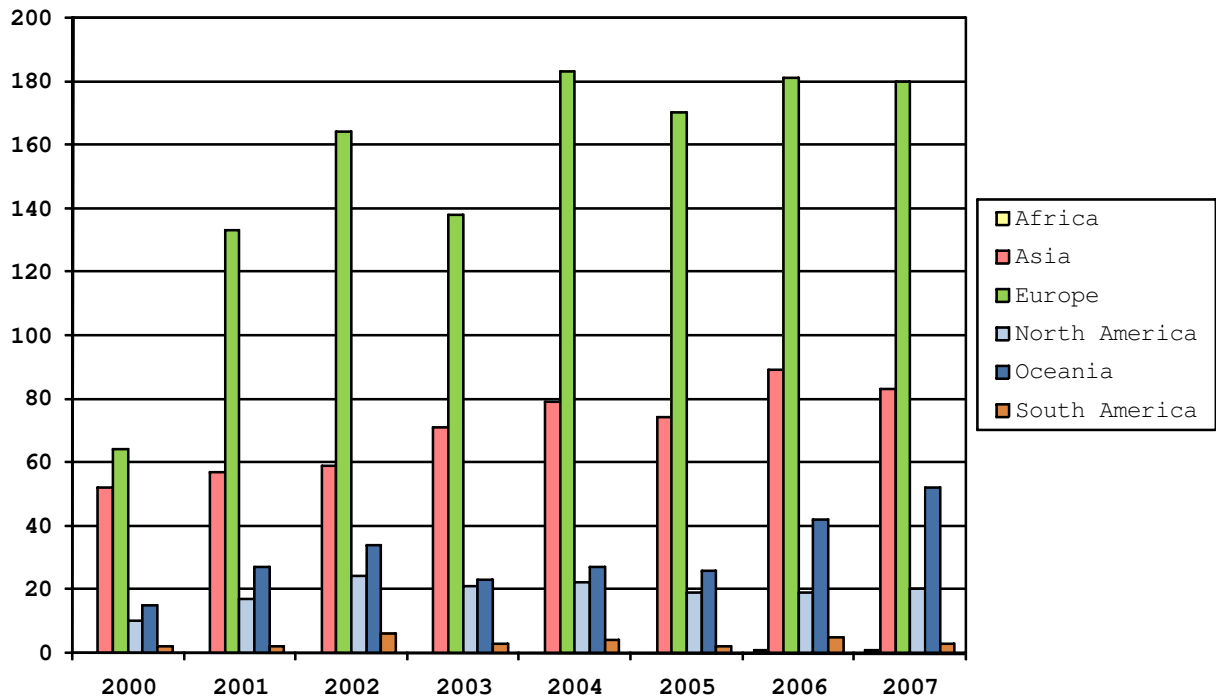


Chart 7: Number of CW Logs Received - Grouped by Continent

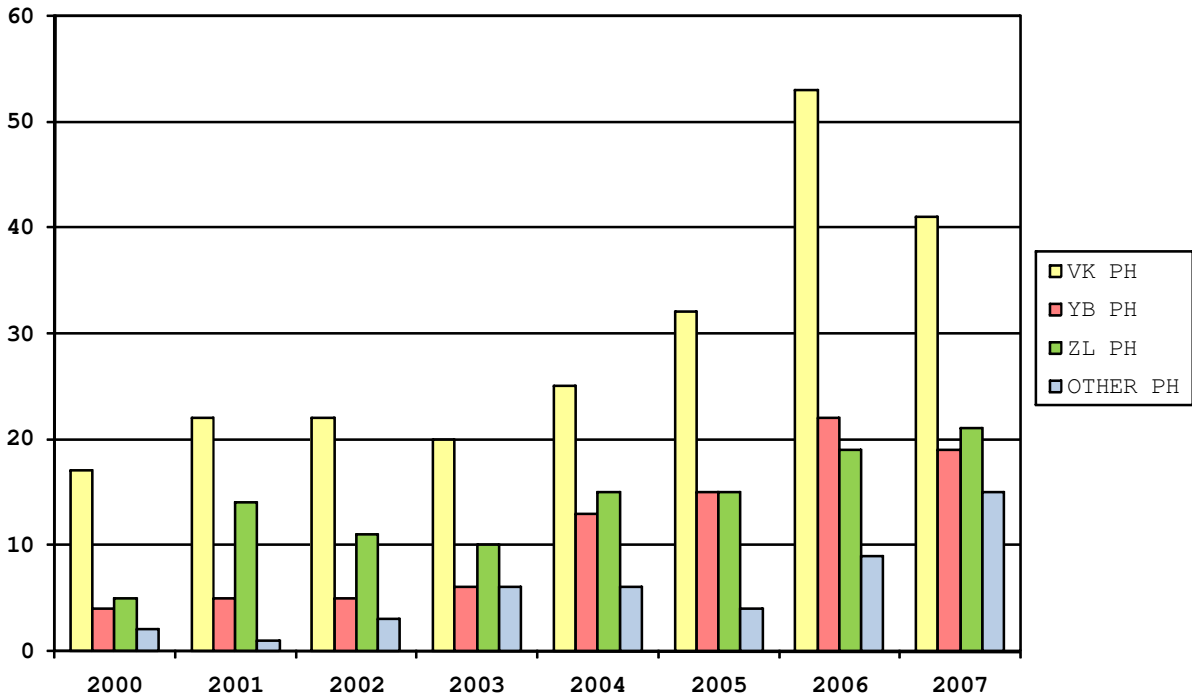


Chart 8: Oceania PHONE Logs - Grouped by Country

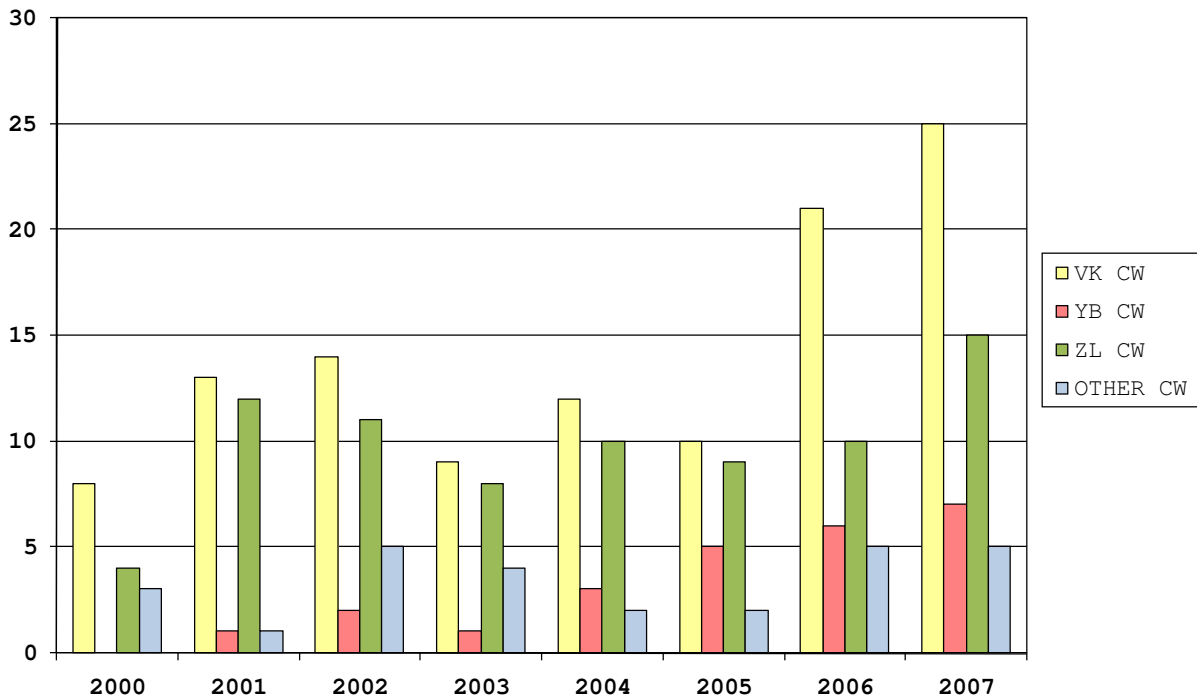


Chart 9: Oceania CW Logs - Grouped by Country

7. Log Checking

Chart 10 shows the annual trend in the percentage of logs delivered via email and paper. The percentage of logs submitted via email continues to grow and reached a new record of 91% in 2007. The email logs have significantly reduced the burden on the log checking team, as well as contributing to the overall quality and timeliness of the log checking process.

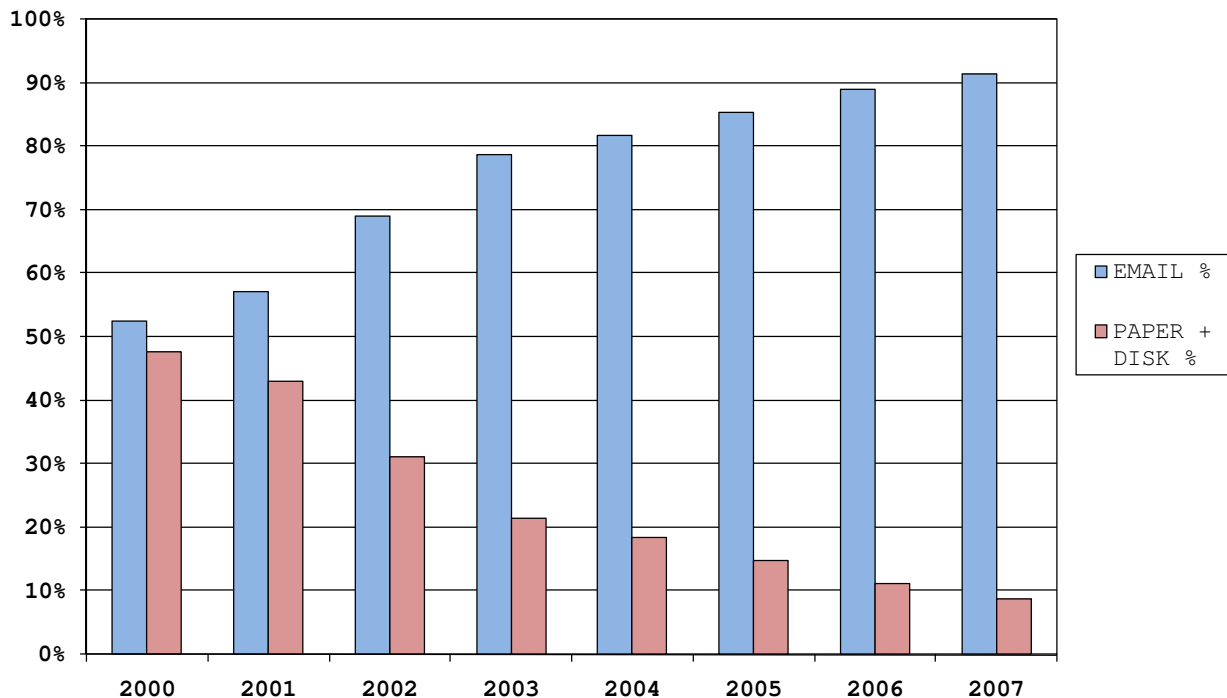


Chart 10: Log Delivery Trend

This is the second year that the email robot has been used to automate the reception and initial checking of the incoming email logs. Unlike 2006, when there some teething problems with the robot, most of the 2007 email logs were submitted successfully to the robot without the need for intervention from the log checking team.

The Committee again used the WI4I Cabrillo Tools software package to check each log and compute the final scores. Unfortunately this software is no longer supported by the author, and is not compatible with the new (version 3) Cabrillo log format, so the Committee is now investigating alternative options for the checking of the 2008 contest logs.

WA7BNM provides an on-line web form that can be used by Oceania DX Contest entrants to manually enter log data to produce a Cabrillo file and submit it to the email robot. This form is intended for entrants who are using paper logging, or logging software that doesn't produce a Cabrillo file. The form is available at <http://www.b4h.net/cabforms/> .

8. 2008 Contest

The 72nd Oceania DX contest will be held on the first two full weekends of October 2008 as follows:

PHONE: 08:00 UTC Saturday 4 October to 08:00 UTC Sunday 5 October
CW: 08:00 UTC Saturday 11 October to 08:00 UTC Sunday 12 October

More information about the contest, including the rules, is available from the Oceania DX Contest web site at www.oceaniadxcontest.com .

9. Acknowledgments

Thank you to the members of the Oceania DX Contest Committee who managed the various tasks for the 2007 contest. This is always a big effort, involving more than 150 hours of time each year from the Committee volunteers.

The Committee is most grateful for the support provided by:

- **NZART, WIA** and the **other sponsors of awards.**
- **WT4I** for the use of the log checking software.
- **N5KO** for developing and hosting the email robot.
- **WA7BNM** for the provision of the on-line Cabrillo web form.
- **ZL1AXG** for the hosting of the www.oceaniadxcontest.com web pages.

There have been some changes to the Committee over the past year. We said thank you and farewell to John VK4UC who has relocated to the USA. Martin VK7GN picked up the Finance Manager role from Wilbert ZL2BSJ who has relocated to The Netherlands. Wilbert has agreed to continue as a Committee member and assist with the promotion of the contest in Europe.

Finally and most importantly, thank you to everyone who participated in the 2007 contest and made it such a success. We look forward to seeing you all again, along with new entrants, in the 2008 event. Let's hope for some better conditions and make it the biggest and best Oceania DX Contest yet!

73 from

Oceania DX Contest Committee

ZL1AZE, VK3TZ, ZL3GA, VK7GN, VK2FHN, VK6DXI, ZL2BSJ



**Jacek SP5EAQ in his ZL7 shack on the Chatham Islands.
ZL7/SP5EAQ was the leading station from Oceania in the
PHONE Single-Op 20M category.**